

ECS Configuration Change Request

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Page(s)

1. Originator Wenhsing Yang	2. Log Date: 3/30/00	3. CCR #: 00-0348	4. Rev: -	5. Tel: 4071	6. Rm #: 3204C	7. Dept. ICOTS
8. CCR Title: Upgrade Transarc DCE for Solaris 2.5.1 Patch 49 for ECS Project						
9. Originator Signature/Date <i>Wenhsing Yang 3/29/2000</i>		10. Class II	11. Type: CCR	12. Need Date: 4/6/2000		
13. Office Manager Signature/Date <i>A. A. 3.30.00</i>		14. Category of Change: PSR		15. Priority: (If "Emergency" fill in Block 28). Routine		
16. Documentation/Drawings Impacted: 920-TDE/G/L/N/V/P-014 O/S and COTS Hardware Patch Maps		17. Schedule Impact:		18. CI(s) Affected:		
19. Release Affected by this Change: 5A, 5B		20. Date due to Customer: 4/6/2000		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: ECSed25179						
23. Problem: (use additional Sheets if necessary) All Ingest and Distribution servers stalled due to the number of the file descriptors had jumped from 64 to 1024. With the current DCE patch baseline, the DCE servers can not handle more than 64 file descriptors.						
24. Proposed Solution: (use additional sheets if necessary) The DCE vendor Transarc has come up with a solution which is included in the Patch 49. When the DCE processes are upgraded with this patch 49, the problem will be resolved. <i>Filename: DCE1.1-solaris 2.5.1-P49.tar.gz</i> <i>Checksum 2395858151 2017506439</i> <i>1115379429 27476667</i>						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Machines that do not have this patch installed will be subject to exceeding the maximum number of open files descriptors soft limit which is set to 64 max. This causes the cdsd and dced to hang and lock up the DCE cell.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): <i>Bryan J. Peters 4/4/00</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
33. M&O CCB Chair (Sign/Date): <i>W. A. 4/4/00</i>		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
34. ECS CCB Chair (Sign/Date):		Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

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